

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for adjusting alarm clock signals, the method comprising the steps of:

(a) tracking the overall behavior of a person in a predetermined area under surveillance after the activation of an  
5 alarm clock;

(b) determining whether the person is motionless within a first predetermined time period based on ~~a series of frame data~~ the results of said tracking; and,

(c) ~~if motionless,~~ gradually increasing the alarm clock  
10 signals of said alarm clock if it is determined that the person is motionless.

2. (Currently Amended) The method ~~of as claimed in claim 1,~~ wherein the method further comprising comprises the steps of:

determining whether the person is motionless within a second predetermined time period; and,

5 ~~if motionless,~~ further increasing the alarm clock signals of said alarm clock if it is determined that the person is motionless within said second predetermined time period.

3. (Currently Amended) ~~The method of claim 1A~~ method for adjusting alarm clock signals, the method comprising the steps of:

(a) tracking behavior of a person in a predetermined area under surveillance after the activation of an alarm clock;

5 (b) determining whether the person is motionless within a first predetermined time period; and

(c) if motionless, gradually increasing the alarm clock signals of said alarm clock,

wherein said method further ~~comprising~~ comprises the step of:

10 gradually decreasing the alarm clock signals of said alarm clock if the person is not motionless.

4. (Currently Amended) ~~The method of~~ as claimed in claim 1, wherein said method further ~~comprising~~ comprises the step of:

gradually increasing the electrical power supplied to a plurality of electronic devices electrically coupled to said alarm  
5 clock according to predetermined criteria if the person is motionless.

5. (Currently Amended) ~~The method of claim 1A~~ method for adjusting alarm clock signals, the method comprising the steps of:

(a) tracking behavior of a person in a predetermined area under surveillance after the activation of an alarm clock;

5        (b) determining whether the person is motionless within a first predetermined time period; and,

(c) if motionless, gradually increasing the alarm clock signals of said alarm clock,

wherein said method further ~~comprising~~ comprises the step of:

10                 gradually decreasing the electrical power supplied to a plurality of electronic devices electrically coupled to said alarm clock according to predetermined criteria if the person is not motionless.

6.    (Currently Amended)        The method ~~of~~ as claimed in claim 1,  
wherein said method further ~~comprising~~ comprises the step of:

          deactivating the alarm clock signals of said alarm clock if the person is not motionless.

7.    (Currently Amended)        The method ~~of~~ as claimed in claim 1,  
wherein the behavior of the person is tracked with cameras.

8.    (Currently Amended)        The method ~~of~~ as claimed in claim 1,  
wherein the behavior of the person is tracked with sensors.

9.    (Previously Presented)    A method for adjusting the wake-up signals of an alarm clock to assist in awaking a person, the method comprising the steps of:

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(a) setting a wake-up time in said alarm clock to activate  
5 the wake-up signals when the set time matches a current time;

(b) determining whether the person is motionless for a  
first predetermined time period after the activation of said alarm  
clock by tracking the person's overall behavior in a predetermined  
area under surveillance-based on a series of frame data;

10 (c) ~~if motionless,~~ gradually increasing the wake-up  
signals of said alarm clock for a second predetermined time period  
if it is determined that the person is motionless for the first  
predetermined time period;

(d) monitoring the overall behavior of the person for a  
15 third predetermined time period; and,

(e) ~~if motionless,~~ further increasing the wake-up signals  
of said alarm clock for a fourth predetermined time period if it is  
determined that the person is motionless for the third  
predetermined time period.

10. (Currently Amended) ~~The method of claim 9A~~ method for  
adjusting the wake-up signals of an alarm clock to assist in  
awaking a person, the method comprising the steps of:

(a) setting a wake-up time in said alarm clock to activate  
5 the wake-up signals when the set time matches a current time;

(b) determining whether the person is motionless for a  
first predetermined time period after the activation of said alarm

clock by tracking behavior in a predetermined area under surveillance;

10 (c) if motionless, gradually increasing the wake-up signals of said alarm clock for a second predetermined time period;

(d) monitoring behavior of the person for a third predetermined time period; and,

(e) if motionless, further increasing the wake-up signals  
15 of said alarm clock for a fourth predetermined time period,

wherein said method further comprising comprises the step of:

gradually decreasing the wake-up signals of said alarm clock if the person is not motionless.

11. (Currently Amended) The method of as claimed in claim 9,  
wherein said method further comprising comprises the step of:

gradually increasing the electrical power supplied to a plurality of electronic devices electrically coupled to said alarm

5 clock according to predetermined criteria if the person is motionless.

12. (Currently Amended) The method of claim 9A method for  
adjusting the wake-up signals of an alarm clock to assist in  
awaking a person, the method comprising the steps of:

(a) setting a wake-up time in said alarm clock to activate  
5 the wake-up signals when the set time matches a current time;

(b) determining whether the person is motionless for a first predetermined time period after the activation of said alarm clock by tracking behavior in a predetermined area under surveillance;

10 (c) if motionless, gradually increasing the wake-up signals of said alarm clock for a second predetermined time period;

(d) monitoring behavior of the person for a third predetermined time period; and,

15 (e) if motionless, further increasing the wake-up signals of said alarm clock for a fourth predetermined time period, wherein said method further comprising comprises the step of:

gradually decreasing the electrical power supplied to a plurality of electronic devices electrically coupled to said alarm clock according to predetermined criteria if the person is not  
20 motionless.

13. (Currently Amended) The method ~~of~~ as claimed in claim 9,  
wherein said method further comprising comprises the step of:  
deactivating said alarm clock if the person is not  
motionless.

14. (Currently Amended) The method ~~of~~ as claimed in claim 9,  
wherein the wake-up signals include a beeping sound, radio music,  
light or any combination thereof.

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15. (Currently Amended) An alarm clock system for adjusting wake-up signals, said alarm clock system comprising:

a-detecting means for observing the overall behavior of a person in a predetermined area under surveillance;

5        ~~an~~-analyzing means for analyzing an output series of frame data from said ~~detection~~-detecting means to determine whether the person is motionless for a predetermined time period;

a speaker coupled to said analyzing means for producing said wake-up signals; and,

10        a-control means for generating a control signal to gradually increase or decrease said wake-up signals based on whether or not the person is motionless.

16. (Currently Amended) The alarm clock system ~~of as claimed in~~ claim 15, wherein said alarm clock system further ~~comprising~~ comprises:

5        ~~an~~-adjusting means for adjusting the electrical power supplied to a plurality of said devices electrically coupled to said control means.

17. (Currently Amended) The alarm clock system ~~of as claimed in~~ claim 15, wherein said alarm clock system ~~includes a~~ further comprises:

\_\_\_\_\_ means for setting an alarm time.

18. (Currently Amended) The alarm clock system ~~of as claimed in~~ claim 15, wherein said alarm clock system further comprising comprises:

\_\_\_\_\_ a solar power source, a battery power source, or an AC  
5 power source.

19. (Currently Amended) The alarm clock system ~~of as claimed in~~ claim 15, wherein said observing means includes cameras.

20. (Currently Amended) The alarm clock system ~~of as claimed in~~ claim 15, wherein said observing means includes sensors.

21. (Currently Amended) The alarm clock system ~~of as claimed in~~ claim 15, wherein the wake-up signals includes a beeping sound, music, light or any combination of thereof.